

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1685	349/5-9,74,186.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/26 18:55
L2	3	(liquid adj crystal and (optical adj shift\$5) and (birefring\$5) and (ratio thick\$5)).clm.	US-PGPUB	OR	ON	2006/05/26 18:56
S1	1	10/693564	US-PGPUB; USPAT	OR	ON	2006/04/26 13:16
S2	26	(optical adj shifter)	US-PGPUB; USPAT	OR	ON	2005/02/08 14:55
S3	11	katoh-hiromi.in.	US-PGPUB; USPAT	OR	ON	2005/06/12 17:55
S4	974	349/5-9.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/08 16:53
S5	262	S4 and birefring\$	US-PGPUB; USPAT	OR	ON	2005/02/08 17:55
S6	186	349/181.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/08 17:56
S7	177	S6 and (not S5)	US-PGPUB; USPAT	OR	ON	2005/02/08 17:56
S8	8	("20030090597"   "20030095092"   "5161042"   "5506701"   "5748164"   "5969832"   "6061103"   "6707516").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/08 18:25
S9	3	US-5969832-\$.DID. OR US-5506701-\$.DID. OR US-5161042-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/08 18:28
S10	5	(pixel adj shifter) and "liquid crystal"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/06 18:22
S11	598	(pixel adj shift\$) and "liquid crystal"	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/08 18:30
S12	111	S11 and projector	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/08 18:31
S13	83	S12 and @ad<"20021028"	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/08 18:31
S14	4	("4652928"   "5369266"   "5537256"   "5689283").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/08 18:45
S15	7	("6061103").URPN.	USPAT	OR	ON	2005/02/08 18:46

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S16	17	kume-yasuhiro.in.	US-PGPUB; USPAT	OR	ON	2005/02/08 19:20
S17	8	US-5760850-\$.DID. OR US-5581379-\$.DID. OR US-6547398-\$.DID. OR US-5969832-\$.DID. OR US-6144426-\$.DID. OR US-6464359-\$.DID. OR US-6332684-\$.DID. OR US-6163349-\$.DID.	US-PGPUB; USPAT	OR	ON	2005/02/09 11:53
S18	1400	extraordinary adj ray	US-PGPUB; USPAT	OR	ON	2005/02/09 11:53
S19	587	S18 and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2005/02/09 13:24
S20	17	parker.xp. and xerox	US-PGPUB; USPAT	OR	ON	2005/02/09 13:25
S21	15	parker.xa. and xerox	US-PGPUB; USPAT	OR	ON	2005/02/09 13:25
S22	29	parker.xp. and holographic	US-PGPUB; USPAT	OR	ON	2005/02/09 13:26
S23	1	fergason and "6421109"	US-PGPUB; USPAT	OR	ON	2005/02/09 13:28
S24	1	"5808589".PN.	USPAT; USOCR	OR	ON	2005/02/09 13:27
S25	12	fergason.in. and resolution and @pd>"19980101"	US-PGPUB; USPAT	OR	ON	2005/02/09 13:29
S26	0	"57151029"	US-PGPUB; USPAT	OR	ON	2005/02/09 13:29
S27	31	"5715029"	US-PGPUB; USPAT	OR	ON	2005/02/09 13:29

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S28	39	(US-20020003636-\$ or US-20020008812-\$ or US-20020118375-\$ or US-20020131022-\$ or US-20020141069-\$ or US-20030035123-\$ or US-20030095092-\$ or US-20030142197-\$).did. or (US-5715029-\$ or US-5717422-\$ or US-5760850-\$ or US-5808589-\$ or US-5831699-\$ or US-5888603-\$ or US-5971546-\$ or US-6008945-\$ or US-6028656-\$ or US-6031658-\$ or US-6061103-\$ or US-6081346-\$ or US-6142633-\$ or US-6144426-\$ or US-6147741-\$ or US-6147805-\$ or US-6154315-\$ or US-6184969-\$ or US-6204900-\$ or US-6219017-\$ or US-6243055-\$ or US-6330018-\$ or US-6332684-\$ or US-6384816-\$ or US-6407726-\$ or US-6498686-\$).did. or (US-6535194-\$ or US-6574032-\$ or US-6614462-\$ or US-6836351-\$ or US-6839095-\$).did.	US-PGPUB; USPAT	OR	ON	2005/02/09 18:33
S29	27	optical adj shifter	US-PGPUB; USPAT	OR	ON	2005/06/12 17:55
S30	44987	shift\$ and liquid adj crystal	US-PGPUB; USPAT	OR	ON	2005/06/12 18:25
S31	6106	S30 and quartz	US-PGPUB; USPAT	OR	ON	2005/06/12 18:28
S32	1490	S31 and projector	US-PGPUB; USPAT	OR	ON	2005/06/12 18:25
S33	143	S32 and birefring\$	US-PGPUB; USPAT	OR	ON	2005/06/12 18:25
S34	253	S30 and quartz adj plate	US-PGPUB; USPAT	OR	ON	2005/06/12 18:28
S35	73	S34 and birefring\$	US-PGPUB; USPAT	OR	ON	2005/06/12 18:28
S36	8	("20030090597"   "20030095092"   "5161042"   "5506701"   "5748164"   "5969832"   "6061103"   "6707516").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:33
S37	3	"20030090611" "6211944".pn. "20020154256"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:35
S38	14	"6061103"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:35

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S39	4	("4652928"   "5369266"   "5537256"   "5689283").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:48
S40	923	shifter and birefringe\$	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:49
S41	320	S40 and liquid adj crystal	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:51
S42	1658	optical near5 shifter	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:51
S43	1182	optical near3 shifter	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:53
S44	184	S43 and (liquid adj crystal)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:51
S45	12	optical near3 shifter and (birefringent adj crystal) and (liquid adj crystal)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:57
S46	38	optical with shifter with magnitude	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 18:57
S47	4	("4652928"   "5369266"   "5537256"   "5689283").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 19:00
S48	80	optical adj3 shifter and magnitude with shift	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 14:09
S49	28	optical adj shifter	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 19:07
S50	19	S49 and thickness	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/12 19:07
S51	0	("2003/0128321").URPN.	USPAT	OR	ON	2005/06/12 22:13
S52	0	"20030103178"	USPAT	OR	ON	2005/06/12 22:13
S53	0	"2003/0103178"	USPAT	OR	ON	2005/06/12 22:13
S66	14	"6061103"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 14:10
S67	1	10/693564	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 14:10

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S68	4	("4652928"   "5369266"   "5537256"   "5689283").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 17:34
S69	14	("5537256").URPN.	USPAT	OR	ON	2005/06/16 17:35
S70	15	("5369266").URPN.	USPAT	OR	ON	2005/06/16 17:37
S71	9	("5659411").URPN.	USPAT	OR	ON	2005/06/16 17:39
S72	44	("3329474"   "3375052"   "3428743"   "3439348"   "3499700"   "3503670"   "3554632"   "4012116"   "4110794"   "4385806"   "4410238"   "4516837"   "4540243"   "4648691"   "4649425"   "4719507"   "4755038"   "4834500"   "4910413"   "4917452"   "4958915"   "4969717"   "4991924"   "5012274"   "5013140"   "5074647"   "5083199"   "5128782"   "5138449"   "5187603"   "5300942"   "5305146"   "5311217"   "5357369"   "5369266"   "5436755"   "Re32521").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 17:41
S73	19	image adj shifter and liquid adj crystal	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 17:41
S74	0	ferrordielectric adj liquid adj crystal	US-PGPUB; USPAT	OR	ON	2005/06/16 18:13
S75	0	ferrorielectric adj liquid adj crystal	US-PGPUB; USPAT	OR	ON	2005/06/16 18:13
S76	68	ferrodielectric adj liquid adj crystal	US-PGPUB; USPAT	OR	ON	2005/06/16 18:15
S77	10	ferrodielectric adj liquid adj crystal with twisted adj nematic	US-PGPUB; USPAT	OR	ON	2005/06/16 18:33
S78	0	takahiko-ueda.in.	US-PGPUB; USPAT	OR	ON	2005/06/16 18:34
S79	3	ueda-takahiko.in.	US-PGPUB; USPAT	OR	ON	2005/06/16 18:34
S80	50	yupo.as.	US-PGPUB; USPAT	OR	ON	2005/06/16 18:34
S81	12	S80 and reflect\$5	US-PGPUB; USPAT	OR	ON	2005/06/16 18:35
S82	411	349/114.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/16 18:36

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S83	13	("4338600"   "4745403"   "5537256"   "5572341"   "5689283"   "5715029"   "5842762"   "5971546"   "6061103"   "6184969"   "6188382"   "6219017"   "6256006").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/20 15:36
S84	3	("5229848"   "5422658"   "5689283").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/20 15:37
S85	5	("6188382").URPN.	USPAT	OR	ON	2005/06/20 15:53
S86	45	(US-20020003636-\$ or US-20020008812-\$ or US-20020118375-\$ or US-20020131022-\$ or US-20020141069-\$ or US-20030035123-\$ or US-20030090597-\$ or US-20030095092-\$ or US-20030128321-\$ or US-20030142197-\$ or US-20040085486-\$).did. or (US-5369266-\$ or US-5659411-\$ or US-5715029-\$ or US-5717422-\$ or US-5760850-\$ or US-5808589-\$ or US-5831699-\$ or US-5888603-\$ or US-5971546-\$ or US-6008945-\$ or US-6028656-\$ or US-6031658-\$ or US-6061103-\$ or US-6081346-\$ or US-6142633-\$ or US-6144426-\$ or US-6147741-\$ or US-6147805-\$ or US-6154315-\$ or US-6184969-\$ or US-6204900-\$ or US-6219017-\$ or US-6243055-\$ or US-6330018-\$ or US-6332684-\$ or US-6384816-\$).did. or (US-6407726-\$ or US-6498686-\$ or US-6535194-\$ or US-6593939-\$ or US-6614462-\$ or US-6836351-\$ or US-6839095-\$ or US-6188382-\$).did.	US-PGPUB; USPAT	OR	ON	2005/06/20 18:28
S87	19	S86 and twisted adj nematic	US-PGPUB; USPAT	OR	ON	2005/06/20 18:36
S88	371	twisted adj nematic with positive with dielectric adj anisotropy	US-PGPUB; USPAT	OR	ON	2005/06/21 17:07
S89	1	10/693584	US-PGPUB; USPAT	OR	ON	2005/06/21 17:07
S90	2	10/693594	US-PGPUB; USPAT	OR	ON	2005/06/21 17:07

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S91	1	10/693564	US-PGPUB; USPAT	OR	ON	2005/06/21 17:07
S92	3	("5229848"   "5422658"   "5689283").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 17:23
S93	7	("3631253"   "4097128"   "4410238"   "4603356"   "4910413"   "5091795"   "5111321").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 17:26
S94	17	("4910413").URPN.	USPAT	OR	ON	2005/06/21 17:28
S95	31	("4410238").URPN.	USPAT	OR	ON	2005/06/21 17:30
S96	15	("3663088"   "3684350"   "3719414"   "4201450"   "4410238"   "4428873"   "4548478"   "4572619"   "4636786"   "4746191"   "5004314"   "5029989"   "5090824"   "5276747"   "5727109").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 17:31
S97	13	("6137619").URPN.	USPAT	OR	ON	2005/06/21 17:33
S98	31	("4410238").URPN.	USPAT	OR	ON	2005/06/21 17:54
S99	31	("4410238").URPN.	USPAT	OR	ON	2005/06/21 19:07
S10 0	15	("3663088"   "3684350"   "3719414"   "4201450"   "4410238"   "4428873"   "4548478"   "4572619"   "4636786"   "4746191"   "5004314"   "5029989"   "5090824"   "5276747"   "5727109").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 19:08
S10 1	38	("3719414").URPN.	USPAT	OR	ON	2005/06/21 20:06
S10 2	0	driving adj method and optical adj shifter	USPAT	OR	ON	2005/06/21 20:06
S10 3	17	optical adj shifter	USPAT	OR	ON	2005/06/21 20:06
S10 4	27	optical adj shifter	US-PGPUB; USPAT	OR	ON	2005/06/21 20:06
S10 5	1	S104 and driving adj method	US-PGPUB; USPAT	OR	ON	2005/06/21 20:29
S10 6	1663	driving adj method.ti.	US-PGPUB; USPAT	OR	ON	2005/06/21 20:30
S10 7	813	S106 and liquid adj crystal	US-PGPUB; USPAT	OR	ON	2005/06/22 14:20

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S10 8	5733	kume.in.	US-PGPUB; USPAT; JPO	OR	ON	2005/06/22 14:20
S10 9	34	kume-yasuhiro.in.	US-PGPUB; USPAT; JPO	OR	ON	2005/06/22 14:21
S11 0	11	"358196"	US-PGPUB; USPAT; JPO	OR	ON	2005/06/22 14:22
S11 1	2	"2001358196"	US-PGPUB; USPAT; JPO	OR	ON	2005/06/22 14:23
S11 2	3	"5161042".pn. "5506701".pn. "5969832".pn. "200300900597"	US-PGPUB; USPAT; JPO	OR	ON	2005/06/22 14:24
S11 3	1	"20030090597"	US-PGPUB; USPAT; JPO	OR	ON	2005/06/22 15:15
S11 4	1	10/698994	US-PGPUB; USPAT; JPO	OR	ON	2005/06/22 15:15
S11 5	133	okamura.in. and quartz	US-PGPUB; USPAT	OR	ON	2005/06/24 13:44
S11 6	29	okamura.in. and quartz and liquid adj crystal	US-PGPUB; USPAT	OR	ON	2005/06/24 13:53
S11 7	140	wiring adj structure and seiko.as.	US-PGPUB; USPAT	OR	ON	2005/06/24 13:53
S11 8	16	S117 and third adj layer	US-PGPUB; USPAT	OR	ON	2005/06/24 13:54
S11 9	1608	349/5-9,74,186.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/26 18:55
S12 0	1	10/693564	US-PGPUB; USPAT	OR	ON	2006/04/26 13:20
S12 1	2	08/589706	US-PGPUB; USPAT	OR	ON	2006/04/26 13:32
S12 2	1	10/693564	US-PGPUB; USPAT	OR	ON	2006/04/26 13:32